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Consortium for Robotics and Unmanned Systems Education and Research (CRUSER)

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2016-03

# RoboEdu

Monterey, California: Naval Postgraduate School

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<http://hdl.handle.net/10945/49861>



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# NAVAL POSTGRADUATE SCHOOL



## CRUSER

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## CRUSER Events

CRUSER sponsors several events in support of our yearly innovation thread.

2016\_09 Warfare  
Innovation Workshop

2016\_07 CRUSER  
TechCon

2016\_05 CRUSER  
Expo 2016

2016\_04 Robots in  
the Roses

2016\_03 RoboEdu  
2015\_09 Warfare  
Innovation Workshop

2015\_04 TechCon

2015\_04 Robots in  
the Roses

2015\_04 Robo  
Ethics



## 2016\_03 RoboEdu

### RoboEdu Design Challenge

Robotics curriculum development across the  
Naval Training & Education Enterprise

#### Details

- **Date:** 22 March 2016
- **Time:** 1300-1500
- **Location:** Glasgow 109, Naval  
Postgraduate School, Monterey, CA

#### Fact Sheet

#### Contact

Ms Lyla Englehorn, CRUSER Associate Director

#### Description

The purpose of this inaugural RoboEdu design challenge is to solicit Navy-Marine Corps fleet feedback for the SECNAV essential to informing the development of robotics and autonomous systems (AS) education and training for future Naval officers.

2015\_03 Warfare  
 Innovation Workshop  
 2015\_03 CRUSER  
 Colloquium  
 2015\_01 CRUSER  
 Colloquium  
 2014\_09 Warfare  
 Innovation Workshop  
 2014\_05 Mine  
 Warfare Symposium  
 2014\_05 CRUSER  
 Tech Expo  
 2014\_04 TechCon  
 2014\_04 Robots in  
 the Roses  
 2014\_03 RoboEthics  
 2013\_09 Warfare  
 Innovation Workshop  
 2013\_09 RoboEthics  
 2013\_04 TechCon  
 2013\_04 Robots in  
 the Roses  
 2013\_03 Warfare  
 Innovation Workshop  
 2012\_10 Fleet Week  
 2012\_09 Warfare  
 Innovation Workshop  
 2012\_05 TechCon  
 2012\_05 Robots in  
 the Roses  
 2012\_01 RoboEthics

CRUSER was established in 2011 by the Secretary of the Navy to shape generations of naval officers through education, research, concept generation and experimentation in maritime application of robotics, automation, and AS. RoboEdu is one part of a continuing education series intended to specifically address the SECNAV's robotics and unmanned systems educational intent by actively engaging fleet education and training stakeholders to inform future graduate as well as undergraduate curricula and training. Robotics education and implications of AS development and employment extend beyond the traditional Naval science and engineering schools (i.e. US Naval Academy (USNA), NPS). Just as CYBER has been incorporated into the Naval service's technical as well as professional military education (PME) (i.e. Naval War College (NWC), Marine Corps University (MCU)), the military evolution of robotics and AS dictates a similar focus. RoboEdu-2016 is intended to initiate the discussion and build momentum for future educational forums and conversations around this rapidly emerging topic.

Through a series of activities over a period of eight months RoboEdu will challenge participants to draft the design of future robotics and autonomous systems education offerings within the Navy – Marine Corps Training and Education community. RoboEdu will elicit fleet stakeholder feedback using a design process, that will immerse participants in current curriculum offerings and training opportunities available to warfighters; and then task teams to explore the problem space, scope the challenge, identify opportunities, and finally present their recommendations to leadership.

2012\_01 CRUSER

Lecture

2011\_11 CRUSER

Lecture

2011\_09 Warfare

Innovation Workshop

2011\_08 CRUSER

Lecture

2011\_03 Robots in  
the Roses



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